BASELINE MONITORING REPORT WASTEWATER SURVEY FOR NONRESIDENTIAL ESTABLISHMENTS

SECTION A – GENERAL INFORMATION

A.1. Company n	ame, mailing address, and telephone number:
Zip Code	Telephone Number ()
A.2. Address of	production or manufacturing facility. (If same as above, check [])
Zip Code	Telephone Number ()
-	firm: Own [] Rent [] Lease [] Other (explain) [] the property luction or manufacturing takes place?
	, and telephone number of person authorized to represent this firm in the Sewer Authority and/or City:
403.14, information and discharge shall be available information shall be g	l: In accordance with Title 40 of the Code of Federal Regulations Part 403, Section and data provided in this questionnaire which identifies the nature and frequency of allable to the public without restriction. Requests for confidential treatment of other overned by procedures specified in 40 CFR Part 2. Should a discharge permit be by the information in this questionnaire will be used to issue the permit.
_	d by an authorized official of your firm <u>after</u> adequate completion of w of the information by the signing official.
document and atta responsible for obt information is true,	examined and am familiar with the information submitted in this chments. Based upon my inquiry of those individuals immediately taining the information reported herein, I believe that the submitted accurate, and complete. I am aware that there are significant penalties information, including the possibility of fine and/or imprisonment.
Date	Signing Official (Seal, if applicable)

A.5. Alternate person to contact concerning information provided herein:						
Name	Title	Tel. No				
	Identify the type of business conducted (replating, warehousing, painting, printing, meat					
	Provide a brief narrative description of the ries your firm conducts.	manufacturing, production, or service				
A.8.	Standard Industrial Classification number(s)	[SIC Code] for your facilities:				
A.9.	This facility generates the following types of [] Domestic wastes (restrooms, employee sh [] Cooling water (contact [] non-contact [[] Process wastes [] Air pollution control wastes (scrubber sys [] Stormwater runoff to sewer system [] Other (describe)	howers, etc.)] boiler/tower blowdown [])				
A.10.	Wastes are discharged to (check all that apply [] Sanitary sewer [] Storm sewer [] Septic tank [] Removed by waste hauler [] Ditch, creek, river, or other water body Permitting Authority Permit number [] Other (describe)					
A.11.	Is a Spill Prevention Control and Countermed	asure Plan prepared for the facility?				
	Yes [] No []					

SECTION B – WATER USE

B.1.	Water in this facility is obtained fro	m (check all that apply):
	[] City/Public supply	
	gallons per da	y (average)
	[] estimated volume	
		nod of measurement
	=	nt number(s)
	[] Well or other Private Supplier	
	gallons per da	y (average)
	[] estimated volume	- A - C
		nod of measurement
	[] River, creek, or other water bod gallons per da	=
	estimated volume	iy (average)
		nod of measurement
	gallons per da	y (average)
	[] estimated volume	
	[] measured volume – meth	nod of measurement
D 4		11.1
B.2.	Water use within the facility (check	± ± • * *
		Average gallons
1.	[] Sanitary	per day[] estimated [] measured
	Water into product	[] estimated [] measured
2.3.	[] Cooling water	[] estimated [] measured
4.	Boiler feed	[] estimated [] measured
5.	[] Process	[] estimated [] measured
6.	[] Equipment/facility washdown	[] estimated [] measured
7.	[] Air pollution control unit	[] estimated [] measured
8.	Other (describe)	[] estimated [] measured
	Total B.2.1 thru B.2.8	
B.3	Briefly describe any water recyclin	g or water reclamation processes or units your
facili	ty uses.	

Note: If your facility <u>did not</u> check one or more of the items listed in B.2.3 through B.2.8 above, then you do not need to complete any further sections in this survey/application. If any items B.2.3 through B.2.8 <u>were</u> checked, complete the remainder of this survey/application.

SECTION C – FACILITY OPERATION CHARACTERISTICS

C.1.	Number of employee shifts worked per 24-hour day is Average number of employees per shift is
C.2.	Starting times of each shift: 1 st am/pm 2 nd am/pm 3 rd am/pm
	Note: The following information in this section must be completed for each product line.
C.3.	Principle product produced:
C.4.	Raw material and process additives used:
C.5.	Production process is: [] Batch [] Continuous [] Both% batch % continuous Average number of batches per 24-hour day
C.6.	Is production subject to seasonal variation? [] Yes [] No If yes, briefly describe seasonal production cycle.
C.7.	Hours of operation: a.m. to p.m. [] continuous
C.8.	Are any process changes or expansions planned during the next three years? [] Yes [] No If yes, attach a separate sheet to this form describing the nature of planned changes or expansions.
SECT	TION D – WASTEWATER INFORMATION
[] Fla [] Foo [] Lal [] Lau [] Ma	Check all activities and indicate SIC Code(s), if known, for processes at your facility which generate wastewater or sludge. SIC No. SIC No. SIC No. cetroplating mmables/explosives od preparation service [] Plastics processing od preparation service [] Printing boratory [] Repair shop, garage undry, cleaning [] Research achine shop [] Rubber processing [] Steam/power generation
[] Pai	inting, finishing () [] Warehousing/offices () int or ink formulation () [] Other (specify) () ()

The information in the remainder of this section must be completed for each activity identified above.

Discharge or water loss to:								
Average gallons								
per day								
[] Comitomy Corron	[] estimated [] measured							
[] Sanitary Sewer	= = = = = = = = = = = = = = = = = = = =							
[] Storm sewer								
[] Surface water								
[] Ground water								
[] Waste haulers								
[] Evaporation								
[] Other (describe)	[] estimated [] measured							
Is any pretreatment provided prior to d								
[] Yes [] No (if no, go	o to D.5.)							
[] Yes [] No (if no, go Pretreatment devices or processes (che	ck as many as appropriate)							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump	ck as many as appropriate) [] Chemical precipitation							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump [] Septic tank	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap [] Grease or oil separation	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap [] Grease or oil separation Type	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination							
[] Yes [] No (if no, go Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap [] Grease or oil separation Type [] Screen	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation							
Pretreatment devices or processes (che Sump Septic tank Grease trap Grease or oil separation Type Grease Greave Gr	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection							
Pretreatment devices or processes (che Sump Septic tank Grease trap Grease or oil separation Type Grit removal Sedimentation	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation							
Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap [] Grease or oil separation Type [] Screen [] Grit removal [] Sedimentation [] Flow equalization	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation [] Centrifuge							
Pretreatment devices or processes (che Sump Septic tank Grease trap Grease or oil separation Type Grit removal Grit removal Grease equalization Flow equalization Filtration	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation [] Centrifuge [] Cyclone							
Pretreatment devices or processes (che Sump Septic tank Grease trap Grease or oil separation Type Grit removal	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation [] Centrifuge [] Cyclone							
Pretreatment devices or processes (che [] Sump [] Septic tank [] Grease trap [] Grease or oil separation Type [] Screen [] Grit removal [] Sedimentation [] Flow equalization [] Filtration [] Rainwater diversion or storage [] Other physical treatment, type	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation [] Centrifuge [] Cyclone [] Neutralization, pH correction							
Pretreatment devices or processes (che Sump Septic tank Grease trap Grease or oil separation Type Grit removal	ck as many as appropriate) [] Chemical precipitation [] Reverse Osmosis [] Ion exchange [] Ozonation [] Chlorination [] Solvent separation [] Spill protection [] Air flotation [] Centrifuge [] Cyclone [] Neutralization, pH correction							

Note: Please include a process flow diagram for each pretreatment system. Include brief descriptions of equipment, wastewater pollutant concentrations before and after pretreatment, by-products produced and methods of disposal, wastewater and by-product volumes, design parameters, and general operating and maintenance procedures.

D.5. If any wastewater analyses have been performed on the wastewater discharge(s) from your facilities, attach a copy of the most recent data to this questionnaire. Be sure to include the date of the analysis, name of laboratory performing the analysis, and location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary).

D.6. Priority Pollutant Information: Please indicate by placing an "x" in the appropriate box by each listed chemical whether it is "Suspected to be Absent," "Known to be Absent," "Suspected to be Present," or "Known to be Present" in your manufacturing or service activity or generated as a by-product.

	Chemical Compound	bsent	nt	resent	ent		Chemical Compound	bsent	nt	resent	ent
Item No.		Suspected absent	Known absent	Suspected present	Known present	Item No.		Suspected absent	Known absent	Suspected present	Known present
I.	Metals and Inorganics	L		L		!	·		i		
1	Antimony	[]	[]	[]	[]	32	Bezine, 1, 2, 4-trichloro	[]	[]	[]	[]
2	Arsenic	[]	[]	[]		33	Bezine, hexachloro	[]	[]	[]	[]
3 4	Asbestos					34 35	Bezine, ethyl Bezine, nitro	[]		[]	[]
5	Beryllium Cadmium	[]	[]	[]	[]	36	Toluene	[]	[]	[]	[] []
6	Chromium	[]	[]	[]	Ü	37	Toluene, 2, 4-dinitro	[]	[]	[]	[]
7	Copper	П	ij	Ϊ	ij	38	Toluene, 2, 6-dinitro	ij	П	ij	[]
8	Cyanide	ij	ij	ij	Ö		, ,		LJ		
9	Lead	ij	[]	[]	ij	IV.	PCB's and related compounds				
10	Mercury	[]	[]	[]	[]						
11	Nickel	[]	[]	[]		39	PCB-1016	[]	[]	[]	[]
12	Selenium	[]				40	PCB-1221	[]		[]	
13 14	Silver Thallium					41 42	PCB-1232	[]		[]	
15	Zinc	[]	[] []	[]	[]	42	PCB-1242 PCB-1248	[]	[]	[]	[]
13	Zilic	ΓJ	IJ	IJ	ΓJ	44	PCB-1246 PCB-1254	[]	[]	[] []	[] []
II.	Phenols and Cresols					45	PCB-1260	ij	[]	[]	[]
						46	2-chlorophthalene	ij	ij	ij	ij
16	Phenol(s)	[]	[]	[]	[]						
17	Phenol, 2-chloro	[]	[]	[]	[]	V.	Ethers				
18	Phenol, 2, 4-dichloro	[]	[]	[]	[]						
19	Phenol, 2, 4, 6-trichloro	[]	[]	[]		47	Ether, bis(chloromethyl)	[]		[]	[]
20	Phenol, pentachloro					48	Ether, bis(2-chloroethyl)	[]		[]	
21 22	Phenol, 2-nitro Phenol, 4-nitro	[]	[]	[]	[]	49 50	Ether, bis(2-chlorosopropyl) Ether, 2-chloroethyl vinyl	[]	[] []	[] []	[] []
23	Phenol, 2, 4-dinitro	[]	[]	[]	[]	51	Ether, 4-bromophenyl phenyl	[]	[]	[]	[]
24	Phenol, 2, 4-dimethyl	IJ	IJ	IJ		52	Ether, 4-chlorophenyl phenyl	ij		[]	[]
25	m-Cresol, p-chloro	Ϊ	ij	ij	й	53	Bis(2-chloroethoxy) methane	Ϊ	Ϊ	ñ	Ϊ
26	o-Cresol, 4, 6-dinitro	ij	ij	ij	Ö		•				
						VI.	Nitrosamines and other				
III.	Monocyclic Aromatics						Nitrogen-containing compounds				
	(Excluding Phenols, Cresols And Phthalates)					54 55	Nitrosamine, dimethyl Nitrosamine, diphenyl	[]		[]	
27	Bezine	П	г	г	г	55 56	Nitrosamine, dipnenyi Nitrosamine,di-n-propyl	[]	[]	[] []	[] []
28	Bezine, chloro	[]	[] []	[] []		57	Benezidine	[]	[]	IJ	[]
29	Bezine, 1, 2-dichloro	[]			ä	58	Benezidine, 3, 3'-dichloro	[]	[]		[]
30	Bezine, 1, 3-dichloro	Ü			ij	59	Hydrazine, 1, 2-diphenyl	[]	ij		ij
31	Bezine, 1, 4-dichloro	ij	ij	ij	ij	60	Acrylonitrile	[]	ij	[]	Ö

Item No.	Chemical Compound	Suspected absent	Known absent	Suspected present	Known present	Item No.	Chemical Compound	Suspected absent	Known absent	Suspected present	Known present
Iter		Sus	Ϋ́	Sus	Ϋ́	Iter		Sus	Kņ	Sns	Kņ
VII.	Halogenated Aliphatics										
61 62 63 64 65 66 67 68 69 70 71 72 73	Methane, bromo- Methane, chloro- Methane, dichloro Methane, dichlorobromo Methane, dichlorobromo Methane, tribromo Methane, trichloro Methane, tetrachloro Methane, trichlorofluoro Methane, dichlorodifluoro Ethane, 1, 1-dichloro Ethane, 1, 2-dichloro Ethane, 1, 1, 1-trichloro	0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	95 96 97 98 99 100 101 102 103 104 105 106	Benzo (a) anthracene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (ghi) perylene Benzo (a) pyrene Chrysene Dibenzo (a,n,) anthracene Fluoranthene Fluorine Indeno (1,2,3-cd) pyrene Naphthalene Phenanthrene Pyrene	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
74 75	Ethane, 1, 1, 2-trichloro Ethane, 1, 1, 2, 1-tetrachloro	[]	[]	[]	[]	х.	Pesticides				
76 77 78 79 80 81 82 83 84	Ethanehexachloro Ethane, chloro Ethane, 1, 1-dichloro Ethane, trans-dichloro Ethane, trichloro Ethane, trichloro Ethane, tetrachloro Propane, 1, 2-dichloro Propane, 2, 4-dichloro Butadiene, hexachloro Cyclopentadiene, hexachloro	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	108 109 110 111 112 113 114 115 116 117	Acrolein Aldrin BHC (alpha) BHC (beta) BHC (gamma) or Lindane BHC (delta) Chlordane DDD DDE DDT	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	
VIII. 86 87 88 89 90 91	Phthalate Esters Phthalate, di-c-methyl Phthalate, di-n-ethyl Phthalate, di-n-butyl Phthalate, di-n-octyl Phthalate, bis(2-ethylhexyl) Phthalate, butyl benzyl Polycyclic Aromatic Hydrocarbons	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	117 118 119 120 121 122 123 124 125 126 127 128	Dieldrin Endosulfan (alpha) Endosulfan (beta) Endosulfan Sulphate Endrin Endrin aldehyde Heptachlor Heptachlor expoxide Isophorone TCDD (or Dioxin) Toxaphene	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	
92 93 94	Acenaphthene Acenaphthylene Anthracene	[] [] []	[] [] []	[] [] []	[] [] []						

- D.7. Attach a scaled drawing of your plant site showing the location of all sewers. Also, show location of possible sampling points for these sewers and sampling points for the various processes. For reference and field orientation, buildings, streets, alleys, and other pertinent physical structures should be included.
- D.8. List facility sewers shown in item D.7.. Include size and flow; assign sequential reference number to each sewer starting with No. 1 (if more than 3, attach additional information as necessary on this or a separate sheet).

Reference Number	Sewer Size(inches)	Descriptive location of sewer connection or discharge point	Average Flow (gpd)
1.			
2.			
3.			

D.9. For chemical compounds in D.6. which are indicated to be "known present," please list and provide the following data for each: (attach additional sheets if needed).

Item No.	Chemical Compound	Annual Usage (lbs.)	Estimated Loss to Sewer (lbs/year)	Sewer reference Number (D.8. above)	Item No.	Chemical Compound	Annual Usage (lbs.)	Estimated Loss to Sewer (lbs/year)	Sewer reference Number (D.8. above)

SECTION E – OTHER WASTES

[] Yes [] No If "No," skip remainder of Section E. If "Yes," complete items 2 through 4. E.2. These wastes may best be described as: Estimated Gallons or Pounds/Year [] Acids and Alkalis [] Heavy metal sludges [] Inks/dyes [] Oil and/or grease [] Organic compounds [] Paints [] Pesticides [] Plating wastes [] Pretreatment Sludges [] Solvents/Thinners [] Other Hazardous Wastes (specify) [] Other wastes (specify) [] Other wastes (specify) [] On-site storage [] On-site storage [] On-site disposal [] Off-site disposal Briefly describe the method(s) of storage or disposal checked above.		Are any liqu	id wastes or sl	udges generated	<u>not</u> disposed of in the sewer system?
If "Yes," complete items 2 through 4. Estimated Gallons or Pounds/Year [] Acids and Alkalis		[] Yes	[] No		
Estimated Gallons or Pounds/Year [] Acids and Alkalis [] Heavy metal sludges [] Inks/dyes [] Oil and/or grease [] Organic compounds [] Paints [] Pesticides [] Plating wastes [] Pretreatment Sludges [] Solvents/Thinners [] Other Hazardous Wastes (specify) [] Other wastes (specify) [] Other wastes (specify) [] On-site storage [] Off-site storage [] On-site disposal [] Off-site disposal		_			
[] Acids and Alkalis [] Heavy metal sludges [] Inks/dyes [] Oil and/or grease [] Organic compounds [] Paints [] Pesticides [] Plating wastes [] Pretreatment Sludges [] Solvents/Thinners [] Other Hazardous Wastes (specify) [] Other wastes (specify) [] Orber wastes (specify) [] On-site storage [] On-site storage [] On-site disposal [] Off-site disposal	•	These waste	s may best be	described as:	
.3. For the above checked wastes, does your company practice: [] On-site storage [] Off-site storage [] On-site disposal [] Off-site disposal		[] Heavy mo [] Inks/dyes [] Oil and/o: [] Organic o [] Paints [] Pesticides [] Plating w [] Pretreatm [] Solvents/	etal sludges or grease compounds astes ent Sludges Thinners	es (specify)	
2.3. For the above checked wastes, does your company practice: [] On-site storage [] Off-site storage [] On-site disposal [] Off-site disposal					
[] Off-site storage [] On-site disposal [] Off-site disposal					
Briefly describe the method(s) of storage or disposal checked above.		[] Off-site s	torage isposal		
		Briefly descr	ribe the metho	d(s) of storage of	or disposal checked above.